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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			<i>Complete if Known</i>		
			Application Number	10/648,767	
			Filing Date	2003-08-25	
			First Named Inventor	Laroia, Rajiv et al.	
			Art Unit	2618	
			Examiner Name	SOBUTKA, PHILIP	
Sheet	1	of	13	Attorney Docket No: 060571U2	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	001	US7558572	07-07-2009	Anigstein; Pablo	
	002	US5203013	04-13-1993	Breeden et al.	
	003	US5579307	11-26-1996	Richetta et al.	
	004	US5914950	06-22-1999	Tiedemann, Jr.; Edward G. et al.	
	005	US6070072	05-30-2000	Dorenbosch et al.	
	006	US6075025	06-13-2000	Bishop et al.	
	007	US6236646	05-22-2001	Beming et al.	
	008	US6263392	07-17-2001	McCauley et al.	
	009	US6405047	06-11-2002	Moon et al.	
	010	US6414946	07-02-2002	Satou et al.	
	011	US6493539	12-10-2002	Falco et al.	
	012	US6538986	03-25-2003	Isaksson et al.	
	013	US6545999	04-08-2003	Sugita et al.	
	014	US6553336	04-22-2003	Johnson et al.	
	015	US6680909	01-20-2004	Bansal et al.	
	016	US6710651	03-23-2004	Forrester et al.	
	017	US6798761	09-28-2004	Cain et al.	
	018	US6816476	11-09-2004	Kim et al.	
	019	US6836673	12-28-2004	Trott et al.	
	020	US6865168	03-08-2005	Sekine et al.	
	021	US6889056	05-03-2005	Shibutani et al.	

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	022	US6901268	05-31-2005	Chang et al.	
	023	US6904016	06-07-2005	Kuo et al.	
	024	US6912405	06-28-2005	Hiramatsu et al.	
	025	US6917607	07-12-2005	Yeom et al.	
	026	US6968156	11-22-2005	Sugaya et al.	
	027	US7006841	02-28-2006	Monogioudis et al.	
	028	US7024460	04-04-2006	Koopmas et al.	
	029	US7027782	04-11-2006	Moon et al.	
	030	US7039029	05-02-2006	Lee et al.	
	031	US7043254	05-09-2006	Chawla et al.	
	032	US7054643	05-30-2006	Trossen et al.	
	033	US7061885	06-13-2006	Kurtz et al.	
	034	US7120123	10-10-2006	Quigley et al.	
	035	US7123910	10-17-2006	Lucidarme et al.	
	036	US7139536	11-21-2006	Chiu et al.	
	037	US7142548	11-28-2006	Fong et al.	
	038	US7146172	12-05-2006	Li et al.	
	039	US7197025	03-27-2007	Chuah et al.	
	040	US7203493	04-10-2007	Fujii et al.	
	041	US7218948	05-15-2007	Laroia et al.	
	042	US7245935	07-17-2007	Lin et al.	

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	043	US7260054	08-21-2007	Olszewski et al.	
	044	US7269406	09-11-2007	Qi et al.	
	045	US7277737	10-02-2007	Vollmer et al.	
	046	US7283559	10-16-2007	Cho; Young-Kwon et al.	
	047	US7319680	01-15-2008	Cho et al.	
	048	US7321563	01-22-2008	Kim et al.	
	049	US7356635	04-08-2008	Woodings et al.	
	050	US7382755	06-03-2008	Dugad et al.	
	051	US7395058	07-01-2008	Kalofonos et al.	
	052	US7397803	07-08-2008	Love et al.	
	053	US7412265	08-12-2008	Chen et al.	
	054	US7418260	08-26-2008	Lucidarme et al.	
	055	US7430206	09-30-2008	Terry et al.	
	056	US7430207	09-30-2008	Wu et al.	
	057	US7463577	12-09-2008	Sudo et al.	
	058	US7486620	02-03-2009	Seol et al.	
	059	US7486638	02-03-2009	Ofuji et al.	
	060	US7502614	03-10-2009	Uchida et al.	
	061	US7508792	03-24-2009	Petrovic et al.	
	062	US7510828	03-31-2009	Lynn et al.	
	063	US7512076	03-31-2009	Kwon et al.	

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		Number-Kind Code ² (if known)			
	064	US7512185	03-31-2009	Sharon et al.	
	065	US7519033	04-14-2009	Soomro et al.	
	066	US7522544	04-21-2009	Cheng et al.	
	067	US7525971	04-28-2009	Carroll et al.	
	068	US7526091	04-28-2009	Jeong et al.	
	069	US7558235	07-07-2009	Lester et al.	
	070	US7561893	07-14-2009	Moulsley et al.	
	071	US20040001429	01-01-2004	Ma, Jianglei et al.	
	072	US20050068922	03-31-2005	Jalali, Ahmad	
	073	US20050289256	11-29-2005	Cudak, Mark C et al.	
	074	US20020045448	04-18-2002	Park, Seong-Soo; et al.	
	075	US20020049040	04-25-2002	Sugaya, Shigeru et al.	
	076	US20020077140	06-20-2002	Monogioudis, Pantelis et al.	
	077	US20020082011	06-27-2002	Fujii, Kenichi et al.	
	078	US20020122431	09-05-2002	Cho, Young-Kwon; et al.	
	079	US20020136195	09-26-2002	Kurtz, Scott David et al.	
	080	US20020142788	10-03-2002	Chawla, Kapil K et al.	
	081	US20030003921	01-02-2003	Laakso, Janne et al.	
	082	US20030078067	04-24-2003	Kim, Young-Ky et al.	
	083	US20030095519	05-22-2003	Kuo, Richard Lee-Chee et al.	
	084	US20030114180	06-19-2003	Black, Peter J et al.	

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		Number-Kind Code ² (if known)			
	085	US20030139197	07-24-2003	Kostic, Zoran et al.	
	086	US20030157899	08-21-2003	Trossen, Dirk et al.	
	087	US20030193915	10-16-2003	Lee, Hyun-Seok et al.	
	088	US20030198206	10-23-2003	Cain, Joseph Bibb et al.	
	089	US20030214906	11-20-2003	Hu, Teck H et al.	
	090	US20030214928	11-20-2003	Chuah, Mooi Choo et al.	
	091	US20040004954	01-08-2004	Terry, Stephen E et al.	
	092	US20040081089	04-29-2004	Ayyagari, Deepak et al.	
	093	US20040120411	06-24-2004	Walton, Jay Rodney et al.	
	094	US20040127226	07-01-2004	Dugad, Rakesh et al.	
	095	US20040141466	07-22-2004	Kim, Youn-Sun et al.	
	096	US20040147262	07-29-2004	Lescuyer, Pierre et al.	
	097	US20040160922	08-19-2004	Nanda, Sanjiv et al.	
	098	US20040192371	09-30-2004	Zhao, Wen et al.	
	099	US20040196802	10-07-2004	Bae, Beom-Sik et al.	
	100	US20040203981	10-14-2004	Budka, Kenneth C et al.	
	101	US20040223455	11-11-2004	Fong, Mo-Han et al.	
	102	US20040228313	11-18-2004	Cheng, Fang-Chen et al.	
	103	US20040248568	12-09-2004	Lucidarme, Thierry et al.	
	104	US20040252662	12-16-2004	Cho, Sung-Hyun et al.	
	105	US20040253996	12-16-2004	Chen, Meng-Hong et al.	

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	106	US20040266474	12-30-2004	Petrus, Paul et al.	
	107	US20050003847	01-06-2005	Love, Robert T et al.	
	108	US20050047344	03-03-2005	Seol, Jee Woong et al.	
	109	US20050047393	03-03-2005	Liu, Jung-Tao et al.	
	110	US20050047416	03-03-2005	Heo, Youn-Hyoung et al.	
	111	US20050111361	05-26-2005	Hosein, Patrick A et al.	
	112	US20050122900	06-09-2005	Tuulos, Martti et al.	
	113	US20050124345	06-09-2005	Laroia, Raiv et al.	
	114	US20050128999	06-16-2005	Kwon, Hwan-Joon et al.	
	115	US20050143084	06-30-2005	Cheng, Jung-Fu et al.	
	116	US20050157803	07-21-2005	Kim, Min-Goo et al.	
	117	US20050157876	07-21-2005	Jeong, Kyeong-In et al.	
	118	US20050170782	08-04-2005	Rong, Zhigang et al.	
	119	US20050181732	08-18-2005	Kang, Joseph H et al.	
	120	US20050195765	09-08-2005	Sharon, Eran et al.	
	121	US20050207335	09-22-2005	Schmidl, Timothy M et al.	
	122	US20050207359	09-22-2005	Hwang, Woonhee et al.	
	123	US20050243938	11-03-2005	Armstrong, Jean et al.	
	124	US20050249118	11-10-2005	Terry, Stephen E et al.	
	125	US20050250509	11-10-2005	Choksi, Ojas T et al.	
	126	US20050250529	11-10-2005	Funnell, Nicola M et al.	

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	127	US20050259662	11-24-2005	Kim, Soeng-Hun et al.	
	128	US20050265301	12-01-2005	Heo, Youn-Hyoung et al.	
	129	US20050281232	12-22-2005	Kim, Soeng-Hun et al.	
	130	US20060040696	02-23-2006	Lin et al.	
	131	US20060079257	04-13-2006	lochi et al.	
	132	US20060089104	04-27-2006	Kaikkonen et al.	
	133	US20060104240	05-18-2006	Sebire et al.	
	134	US20060140154	06-29-2006	Kwak et al.	
	135	US20060142032	06-29-2006	Derakhshan et al.	
	136	US20060164981	07-27-2006	Olsson et al.	
	137	US20060176807	08-10-2006	Wu et al.	
	138	US20060215604	09-28-2006	Mueckenheim et al.	
	139	US20060234722	10-19-2006	Hanebeck et al.	
	140	US20060245452	11-02-2006	Frederiksen et al.	
	141	US20060246916	11-02-2006	Cheng et al.	
	142	US20060270399	11-30-2006	Qi et al.	
	143	US20070002757	01-04-2007	Soomro et al.	
	144	US20070002806	01-04-2007	Soomro et al.	
	145	US20070026803	02-01-2007	Malm et al.	
	146	US20070030828	02-08-2007	Vimpari et al.	
	147	US20070070894	03-29-2007	Wang et al.	

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				Filing Date	2003-08-25
				First Named Inventor	Laroia, Rajiv et al.
				Art Unit	2618
				Examiner Name	SOBUTKA, PHILIP
Sheet	8	of	13	Attorney Docket No: 060571U2	

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		Number-Kind Code ² (if known)			
	148	US20070081492	04-12-2007	Petrovic et al.	
	149	US20070081498	04-12-2007	Niwano et al.	
	150	US20070140179	06-21-2007	Zhang et al.	
	151	US20070141994	06-21-2007	Cheng et al.	
	152	US20070147283	06-28-2007	Laroia et al.	
	153	US20070147377	06-28-2007	Laroia et al.	
	154	US20070149126	06-28-2007	Rangan et al.	
	155	US20070149128	06-28-2007	Das et al.	
	156	US20070149129	06-28-2007	Das et al.	
	157	US20070149131	06-28-2007	Li et al.	
	158	US20070149132	06-28-2007	Li et al.	
	159	US20070149137	06-28-2007	Richardson et al.	
	160	US20070149138	06-28-2007	Das et al.	
	161	US20070149194	06-28-2007	Das et al.	
	162	US20070149227	06-28-2007	Parizhsky et al.	
	163	US20070149228	06-28-2007	Das et al.	
	164	US20070149238	06-28-2007	Das et al.	
	165	US20070159969	07-12-2007	Das et al.	
	166	US20070168326	07-19-2007	Das et al.	
	167	US20070183308	08-09-2007	Korobkov et al.	
	168	US20070249287	10-25-2007	Das et al.	

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	169	US20070249360	10-25-2007	Das et al.	
	170	US20070253357	11-01-2007	Das et al.	
	171	US20070253358	11-01-2007	Das et al.	
	172	US20070253449	11-01-2007	Das et al.	
	173	US20070258365	11-08-2007	Das et al.	
	174	US20080057969	03-06-2008	Agami et al.	
	175	US20080144521	06-19-2008	Soomro et al.	
	176	US20090004983	01-01-2009	Darabi et al.	
	177	US20090034455	02-05-2009	Lee et al.	
	178	US20090103507	04-23-2009	Gu et al.	
	179	US20090106507	04-23-2009	Skerlj et al.	

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				Art Unit	2618
				Examiner Name	SOBUTKA, PHILIP
Sheet	10	of	13	Attorney Docket No: 060571U2	

		Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Relevant Passages or Relevant Figures Appear	T ⁶
	180	WO1999059254A2	11-18-1999	SAMSUNG ELECTRONICS CO LTD [KR]		<input type="checkbox"/>
	181	WO2001001610A1	01-04-2001	SAMSUNG ELECTRONICS CO LTD [KR]		<input type="checkbox"/>
	182	WO2002073831A1	09-19-2002	BROADSTORM TELECOMMUNICATIONS [US]		<input type="checkbox"/>
	183	WO02033841A1	04-25-2002	SAMSUNG ELECTRONICS CO LTD [KR]		<input type="checkbox"/>
	184	WO05065056A2	07-21-2005	ELECTRONICS AND TELECOMM [KR]		<input type="checkbox"/>
	185	WO06075293A1	07-20-2006	KONINKL PHILIPS ELECTRONICS NV [NL]		<input type="checkbox"/>
	186	DE10162564A1	07-03-2003	SIEMENS AG [DE]		<input type="checkbox"/>
	187	EP1037419A2	09-20-2000	COMMAND AUDIO CORP [US].		<input type="checkbox"/>
	188	EP1037491A1	09-20-2000	MOTOROLA LTD [GB]		<input type="checkbox"/>
	189	EP1054518A1	11-22-2000	CIT ALCATEL [FR]		<input type="checkbox"/>
	190	EP1180907A2	02-20-2002	LUCENT TECHNOLOGIES INC [US]		<input type="checkbox"/>
	191	EP1377100A2	01-02-2004	QUALCOMM INC [US]		<input type="checkbox"/>
	192	EP1511245A2	03-02-2005	SAMSUNG ELECTRONICS CO LTD [KR]		<input type="checkbox"/>
	193	EP1594260A1	11-09-2005	CIT ALCATEL [FR]		<input type="checkbox"/>
	194	EP1841259A2	10-03-2007	FUJITSU LTD [JP]		<input type="checkbox"/>
	195	JP06268574A	10-05-2006	FUJI XEROX CO LTD		<input type="checkbox"/>
	196	JP2001512921T	08-28-2001	.		<input type="checkbox"/>
	197	JP2002111627A	04-12-2002	SONY INT EUROP GMBH		<input type="checkbox"/>
	198	WO02032183A1	04-18-2002	BLUE2SPACE AB [SE]		<input type="checkbox"/>

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Sheet	11	of	13	Attorney Docket No: 060571U2	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	199	WO2004077685A2	09-10-2004	FLARION TECHNOLOGIES INC [US] et al.		<input type="checkbox"/>
	200	WO2004084503A2	09-30-2004	NORTEL NETWORKS LTD [CA].		<input type="checkbox"/>
	201	WO2004100450A1	11-18-2004	KONINKL PHILIPS ELECTRONICS NV [NL] et al.		<input type="checkbox"/>
	202	WO2004110081A1	12-16-2004	NOKIA CORP [FI] et al.		<input type="checkbox"/>
	203	WO2005060132A1	06-30-2005	ELECTRONICS AND TELECOMM [KR] et al.		<input type="checkbox"/>
	204	WO2007031956A2	03-22-2007	KONINKL PHILIPS ELECTRONICS NV [NL] et al.		<input type="checkbox"/>
	205	WO98056120A2	12-10-1998	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
	206	WO9845967A2	10-15-1998	NOKIA TELECOMMUNICATIONS OY [FI]		<input type="checkbox"/>

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	207	HOSEIN, et al., "Optimal Assignment of Mobile Station Serving Sector for the Forward Link of a Time-Shared Wireless Packet Data Channel," Fifth IEE International Conference on 3G Mobile Communication Technologies (3G 2004), 18 October - 20 October 2004,	

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		pp. 654-658.	
	208	KWON, et al., "Quasi-Dedicated Access Scheme for Uplink Realtime Services in Future Wireless Communication Systems," Vehicular Technology Conference, 2005. VTC 2005 - Spring. 2005 IEEE 61st Stockholm, Sweden, 20 April - 01 May 2005, Piscataway, NJ, USA, 30 May 2005, pp. 3117-3121.	
	209	MAJMUNDAR, "Impact of Mobile-Originated Short Message Service on the Digital Control Channel of TDMA Systems," Vehicular Technology Conference, 2000. IEEE VTS Fall VTC 2000. 52nd Sept. 24-28, 2000, Piscataway, NJ, USA, IEEE, 24 September 2000, pp. 1550-1555.	
	210	WADA, "Study of an OFDM Cellular System Using a Single Band," 2002 Communication Society Convention, Collection of Lecture Papers 1, Japan, IEEE, August 20, 2002, p. 355, B-5-58.	

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